

Application No. 10/733,089
Responsive to the Office Action of June 7, 2006

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September 7, 2006

Amendments to Specification

Please replace the paragraph beginning on page 9, line 11, with the following amended paragraph:

Additionally, if the coercivity is such that, even at an elevated temperature, two orthogonal fields are implemented to switch the magnetic orientation of the free layer, then the structure 600 employs two write conductors 670, 680 to provide orthogonal fields wherein one write conductor is thermally isolated from the sense line 620. However, it is conceivable that the coercivity could be reduced to the point whereby only one write conductor is needed to switch a magnetic orientation of each of the plurality of SDTs 610. If this is the case, then the one write conductor is positioned orthogonal to the sense line 620.